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Document **DE000003723815A1** (Pages: 10)

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Criterion	Field	Contents
Title	TI	[DE] Verfahren und Vorrichtung zur Eliminierung traumatischer Effekte bei der Nierensteinzertrümmerung
Applicant	PA	Hoffmann medizinische Technik GmbH, 5884 Halver, DE
Inventor	IN	Häusler, Eberhart, Prof. Dr.rer.nat., 6600 Saarbrücken, DE
Application date	AD	18.07.1987
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Publication date	PUB	09.06.1988
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MCD secondary class	MCS	A61B 17/22 (2006.01) A, , I, 20051008, R, M, EP A61B 17/225 (2006.01) A, , I, 20060521, R, M, DE A61B 18/00 (2006.01) A, L, I, 20051220, R, M, JP G10K 11/00 (2006.01) C, , I, 20051008, R, M, EP G10K 11/04 (2006.01) A, , I, 20051008, R, M, EP
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Abstract	AB	[EN] The traumatic effects of the extra-corporal fragmentation of kidney stones by means of focused liquid shock waves are eliminated by passing said shock waves through a high-pass filter before they enter the human body, said high-pass filter being

		advantageously designed as a liquid wave guide with a weak acoustic margin. A foam plate (5) with a high air bubble content is used, in which a bore (4) for the wave guide is made. By this process and device, low frequency shock wave components are eliminated from the shock wave field, so that only high frequency components are focused. This results in painless shock wave therapy, thereby rendering anaesthesia of the patient unnecessary.
Information on correction	KORRINF	
Cited documents	CT	
Cited non-patent literature	CTNP	

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